

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
 Data File : BF122172.D
 Acq On : 29 Oct 2020 19:16
 Operator : JU/CG
 Sample : L4552-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VW-STONE-A

Quant Time: Oct 30 00:41:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

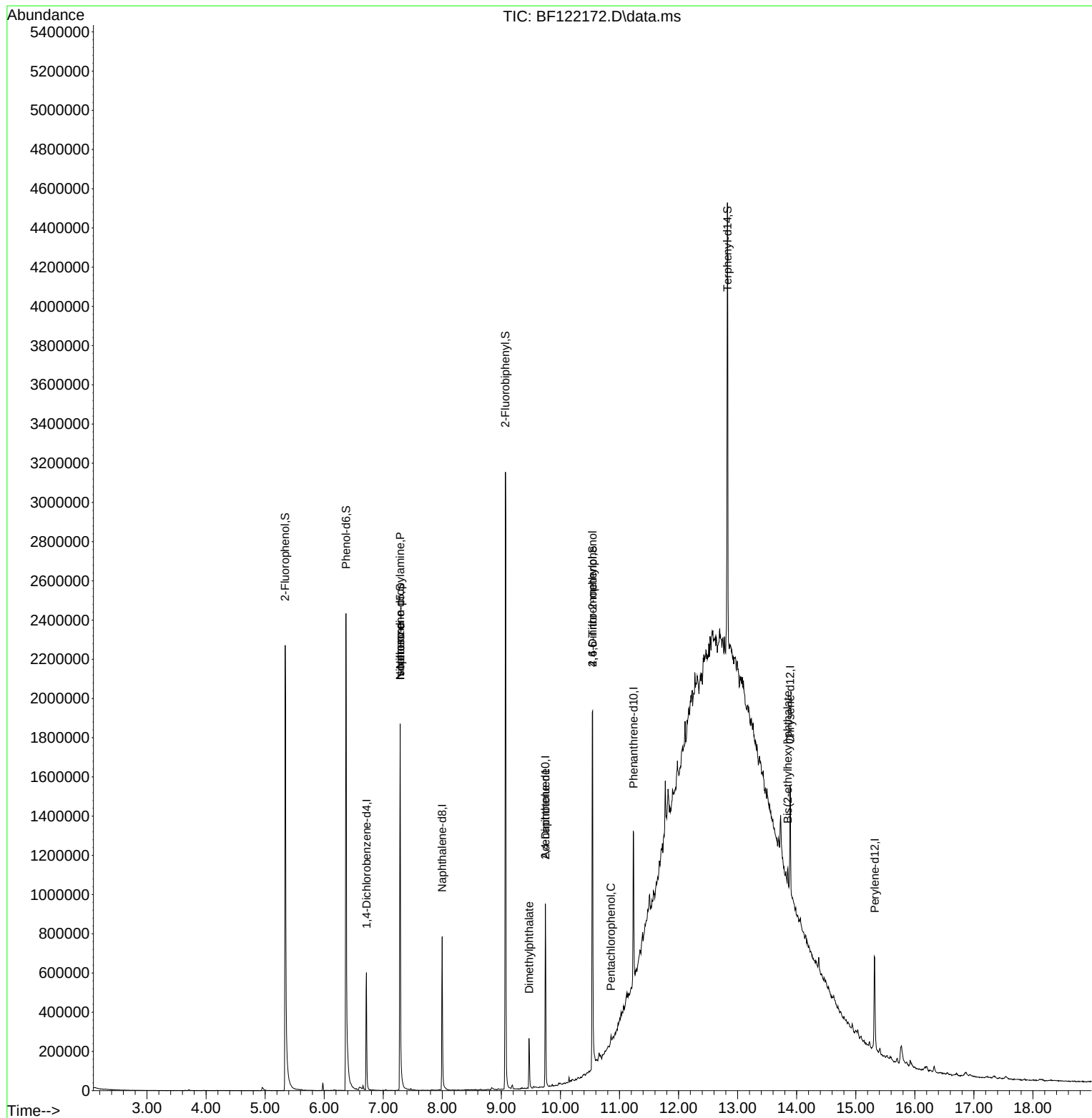
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	92987	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	369823	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	187778	20.00	ng	0.00
64) Phenanthrene-d10	11.239	188	307808	20.00	ng	0.00
76) Chrysene-d12	13.892	240	208712	20.00	ng	0.01
86) Perylene-d12	15.321	264	233673	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	782151	124.14	ng	0.00
7) Phenol-d6	6.369	99	973128	119.99	ng	0.00
23) Nitrobenzene-d5	7.287	82	629699	87.32	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	277867	119.62	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1059087	82.99	ng	0.00
79) Terphenyl-d14	12.827	244	854843	78.06	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	1525	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.287	70	84085	18.21	ng	# 80
25) Isophorone	7.287	82	629696	46.18	ng	# 67
50) Dimethylphthalate	9.469	163	102588	7.47	ng	99
57) 2,4-Dinitrotoluene	9.745	165	23607	6.37	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.545	198	674	4.73	ng	# 1
70) Pentachlorophenol	10.857	266	142	8.03	ng	# 18
84) Bis(2-ethylhexyl)phtha...	13.851	149	29005	3.39	ng	# 94

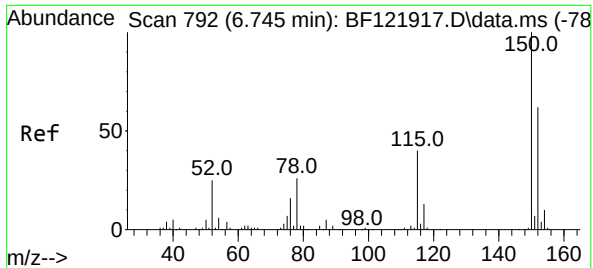
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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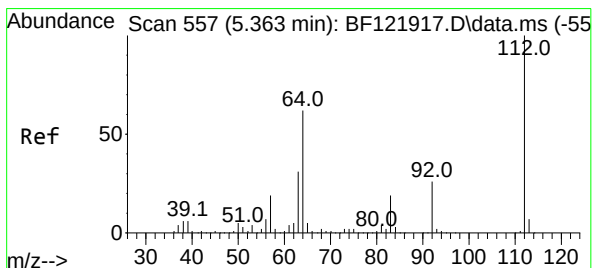
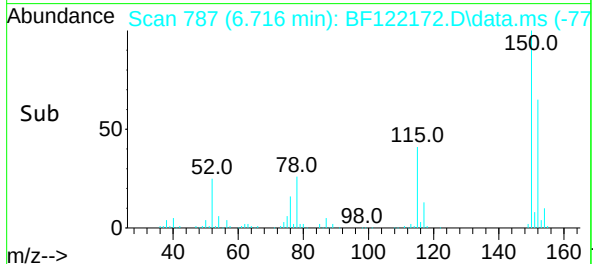
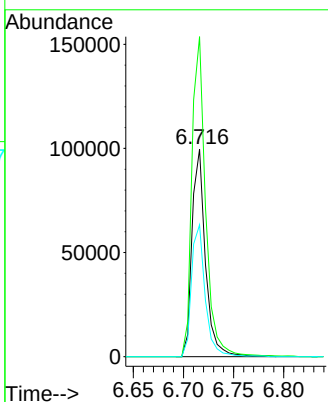
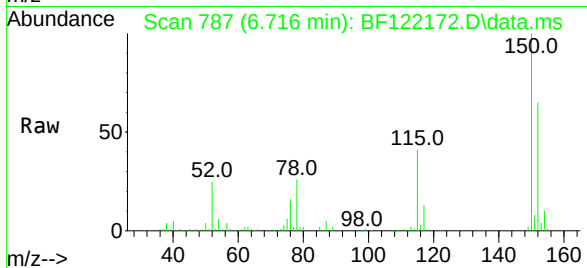




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF122172.D
Acq: 29 Oct 2020 19:16

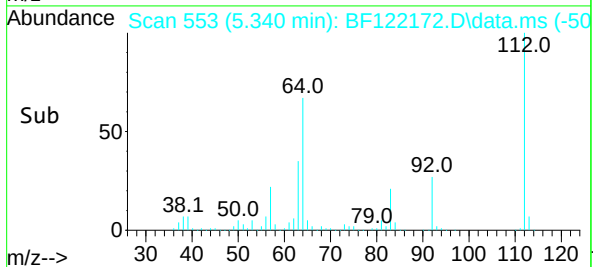
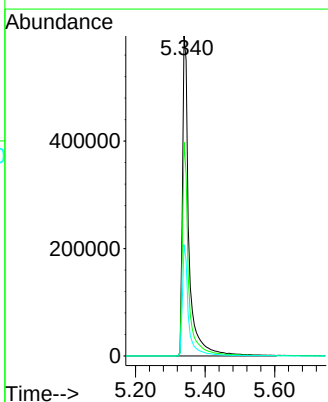
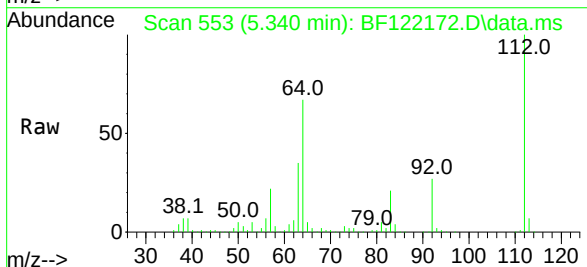
Instrument :
BNA_F
ClientSampleId :
VW-STONE-A

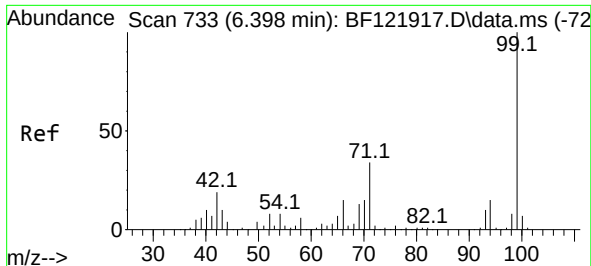
Tgt Ion:152 Resp: 92987
Ion Ratio Lower Upper
152 100
150 154.2 125.3 187.9
115 63.5 51.9 77.9



#5
2-Fluorophenol
Concen: 124.14 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122172.D
Acq: 29 Oct 2020 19:16

Tgt Ion:112 Resp: 782151
Ion Ratio Lower Upper
112 100
64 66.8 50.4 75.6
63 34.7 25.8 38.6

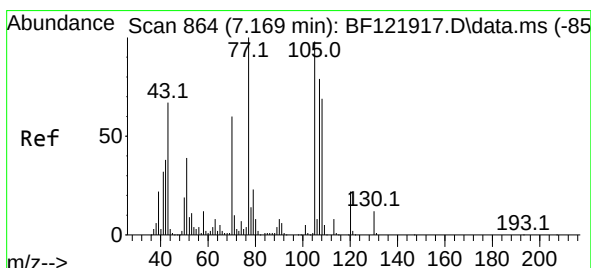
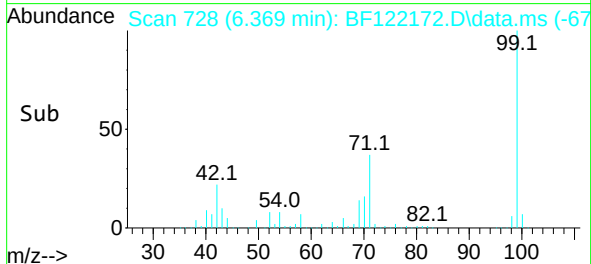
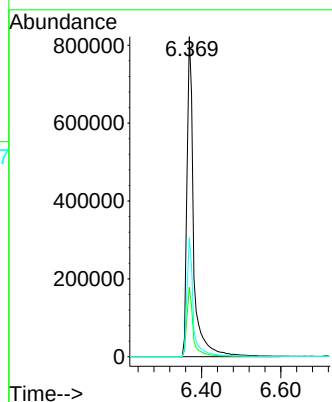
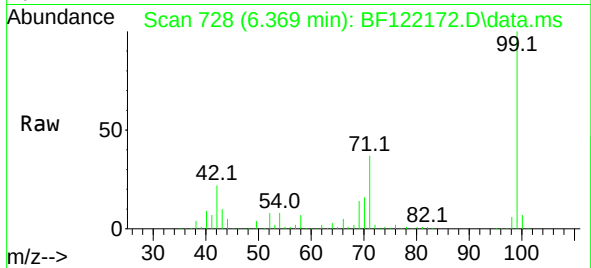




#7
Phenol-d6
Concen: 119.99 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122172.D
Acq: 29 Oct 2020 19:16

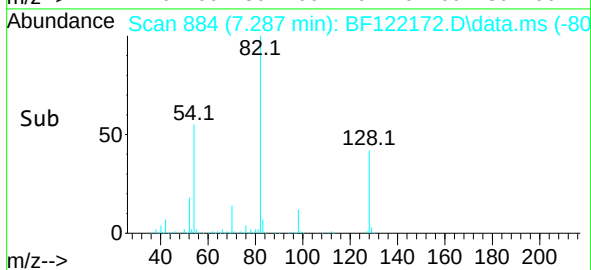
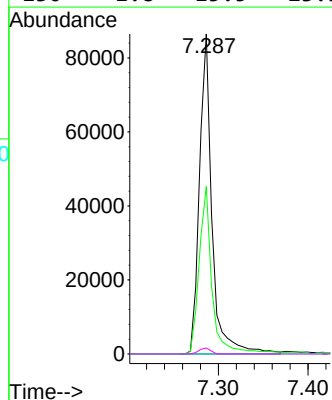
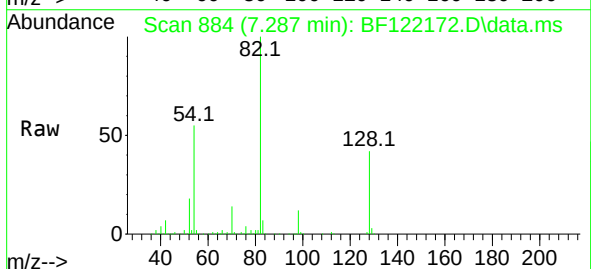
Instrument :
BNA_F
ClientSampleId :
VW-STONE-A

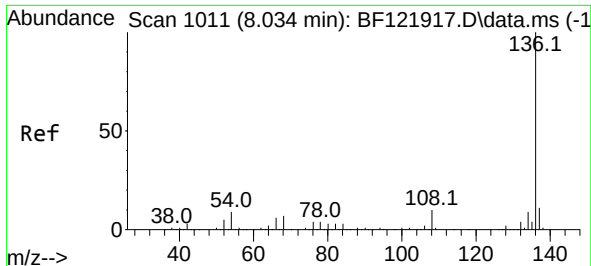
Tgt Ion: 99 Resp: 973128
Ion Ratio Lower Upper
99 100
42 21.7 15.9 23.9
71 37.1 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.21 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122172.D
Acq: 29 Oct 2020 19:16

Tgt Ion: 70 Resp: 84085
Ion Ratio Lower Upper
70 100
42 52.4 50.2 75.4
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#



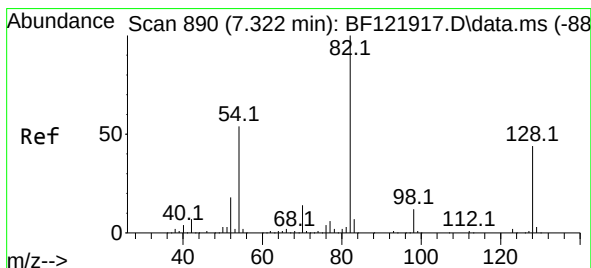
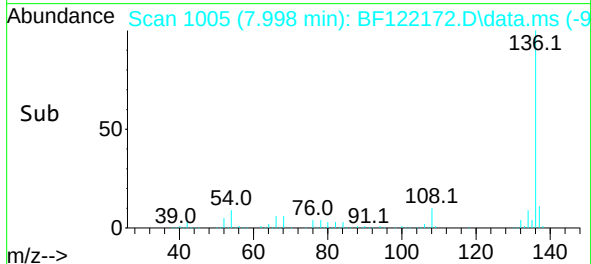
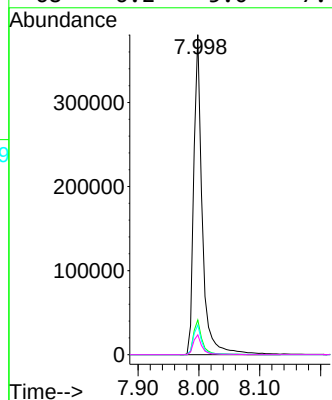
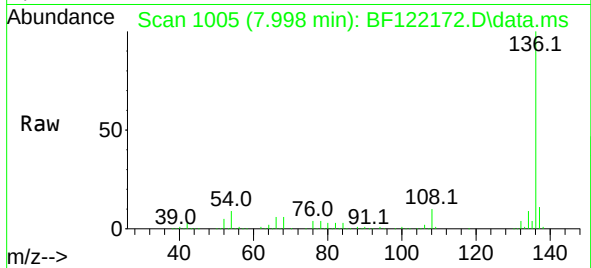


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122172.D
Acq: 29 Oct 2020 19:16

Instrument :
BNA_F
ClientSampleId :
VW-STONE-A

Tgt Ion:136 Resp: 369823

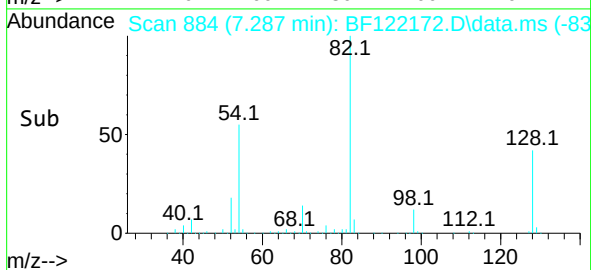
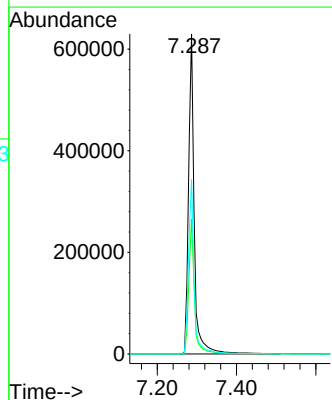
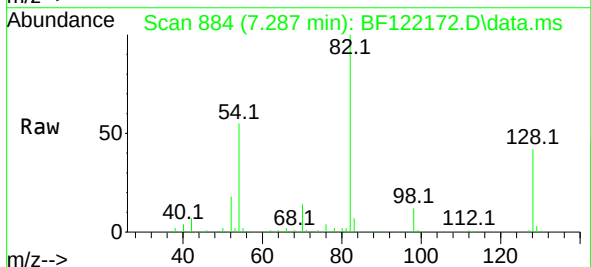
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.3	7.1	10.7
68	6.2	5.0	7.4

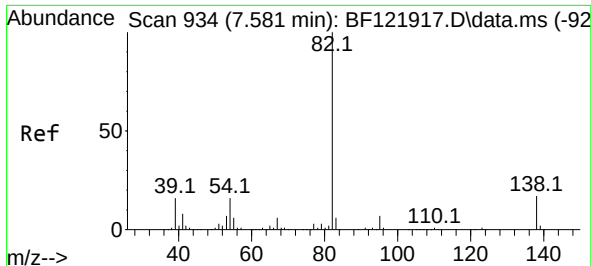


#23
Nitrobenzene-d5
Concen: 87.32 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF122172.D
Acq: 29 Oct 2020 19:16

Tgt Ion: 82 Resp: 629699

Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.0	52.4
54	54.5	43.9	65.9

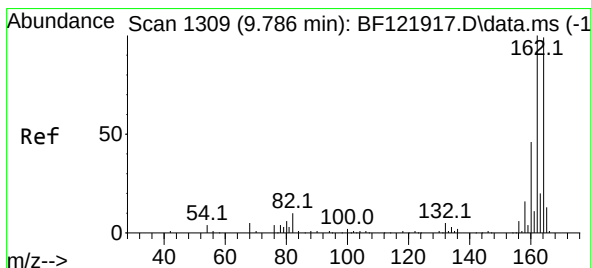
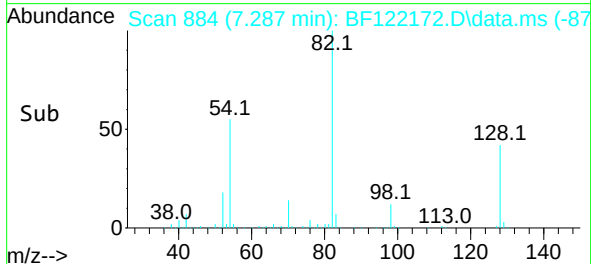
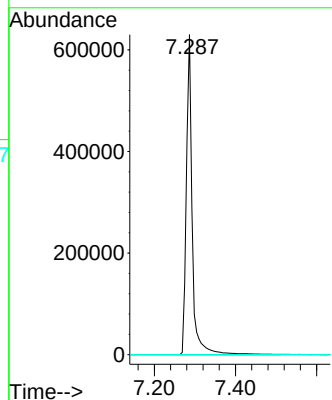
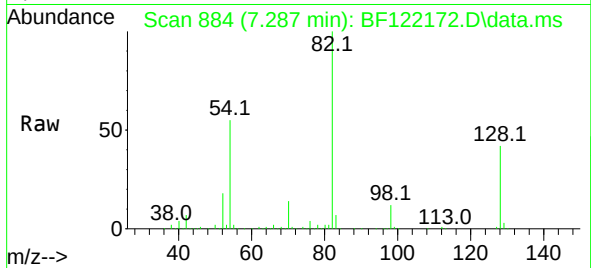




#25
Isophorone
Concen: 46.18 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF122172.D
Acq: 29 Oct 2020 19:16

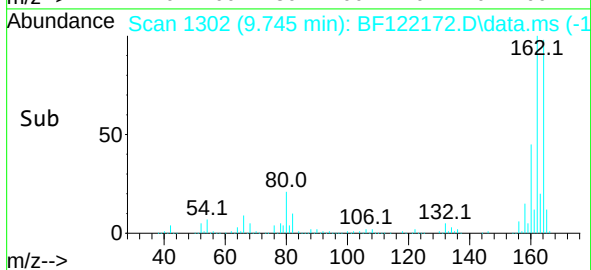
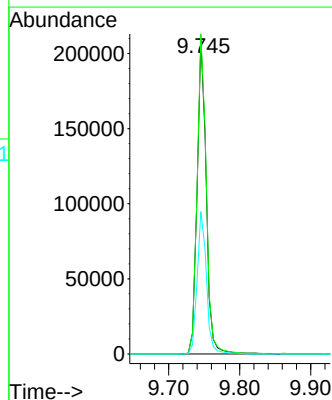
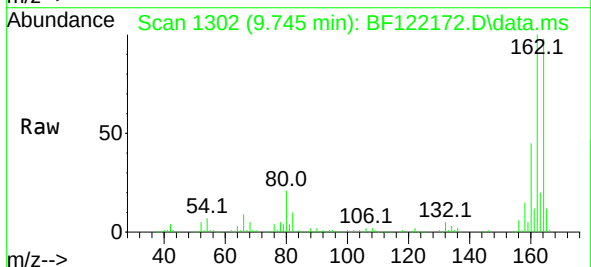
Instrument :
BNA_F
ClientSampleId :
VW-STONE-A

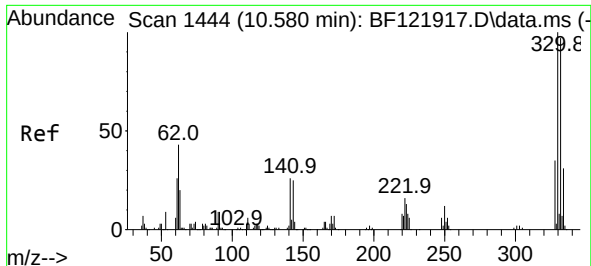
Tgt Ion: 82 Resp: 629696
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122172.D
Acq: 29 Oct 2020 19:16

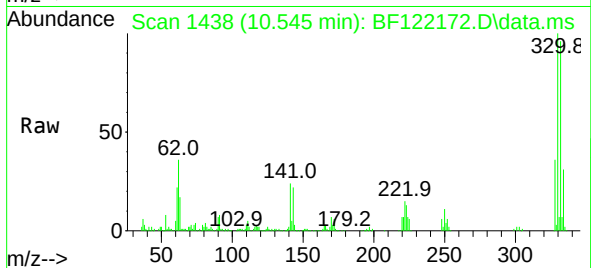
Tgt Ion:164 Resp: 187778
Ion Ratio Lower Upper
164 100
162 101.7 83.2 124.8
160 45.3 37.5 56.3



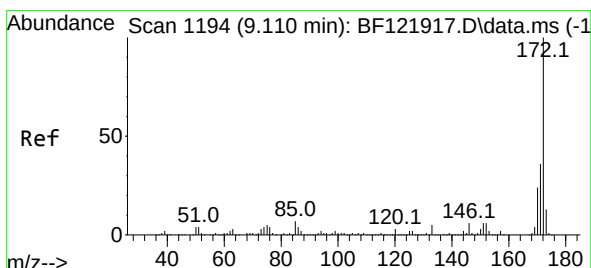
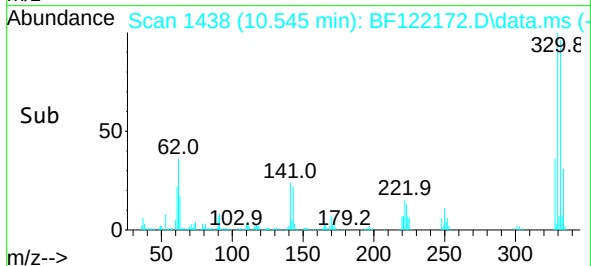
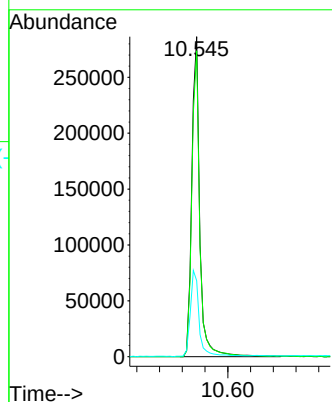


#42
2,4,6-Tribromophenol
Concen: 119.62 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122172.D
Acq: 29 Oct 2020 19:16

Instrument :
BNA_F
ClientSampleId :
VW-STONE-A

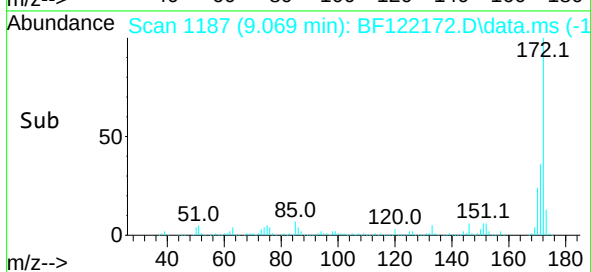
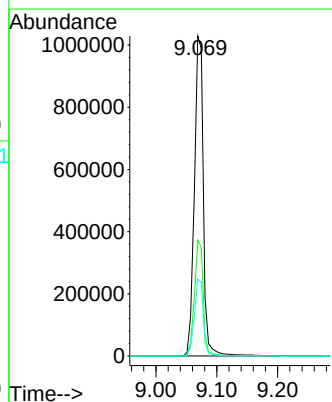
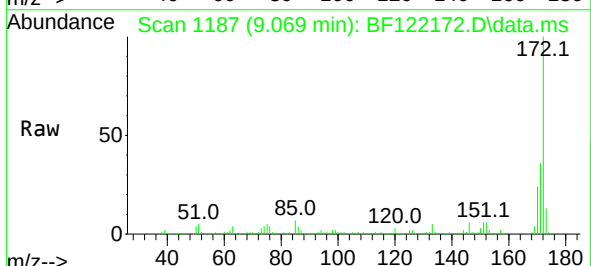


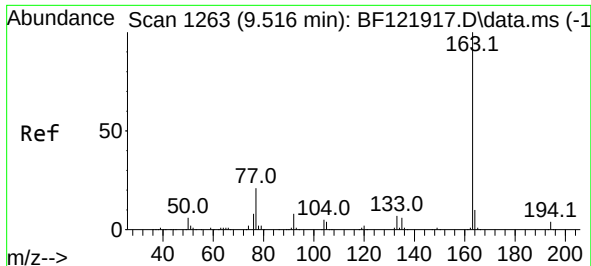
Tgt Ion:330 Resp: 277867
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 30.4 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 82.99 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122172.D
Acq: 29 Oct 2020 19:16

Tgt Ion:172 Resp: 1059087
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.0 19.8 29.6

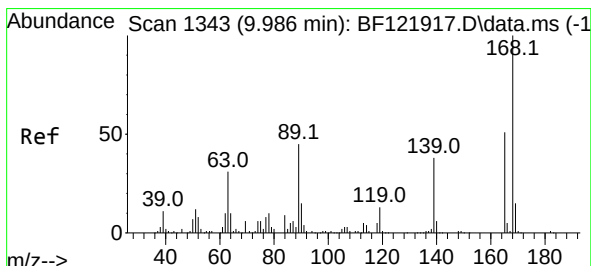
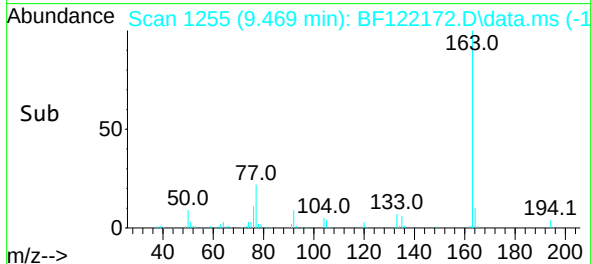
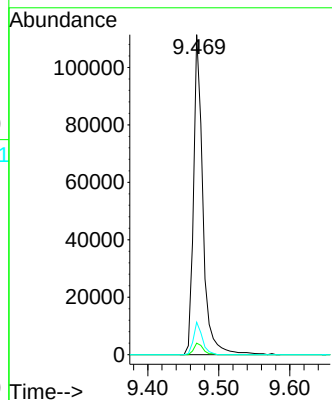
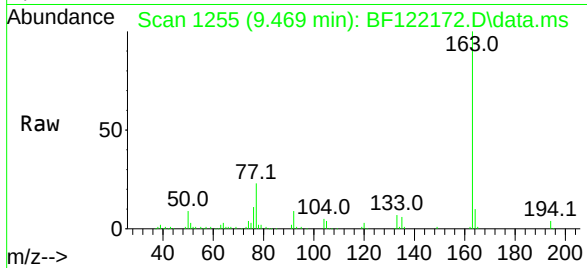




#50
Dimethylphthalate
Concen: 7.47 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122172.D
Acq: 29 Oct 2020 19:16

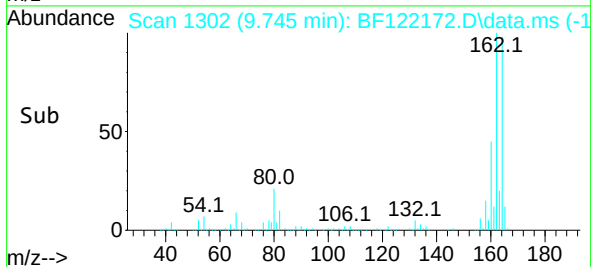
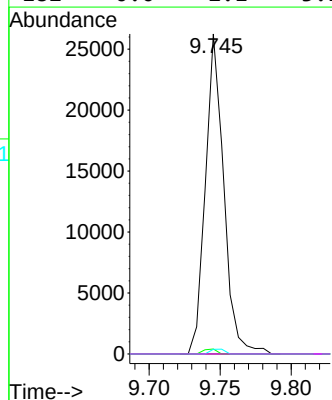
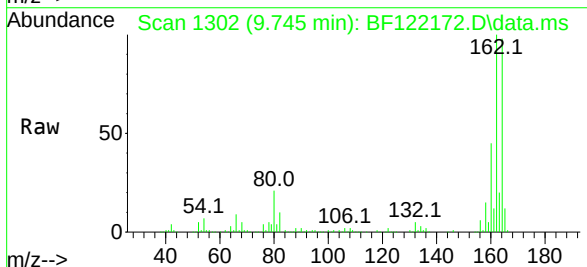
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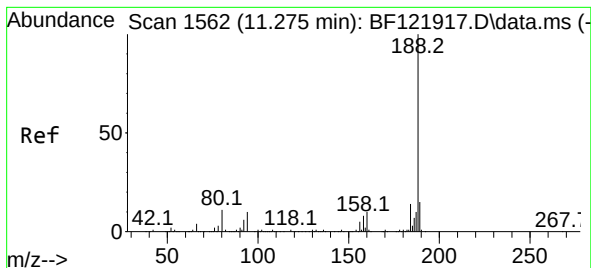
Tgt Ion:163 Resp: 102588
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.2 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122172.D
Acq: 29 Oct 2020 19:16

Tgt Ion:165 Resp: 23607
Ion Ratio Lower Upper
165 100
63 1.5 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

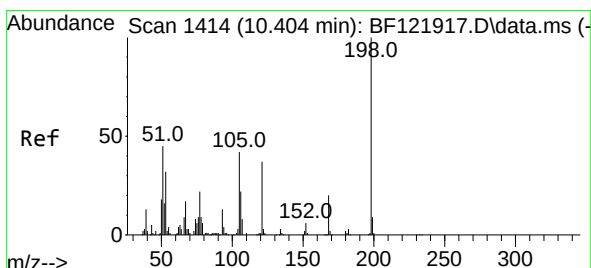
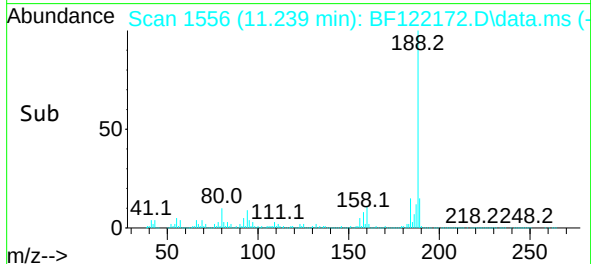
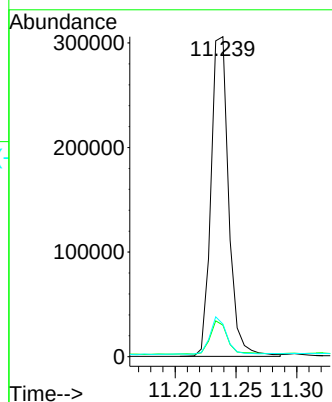
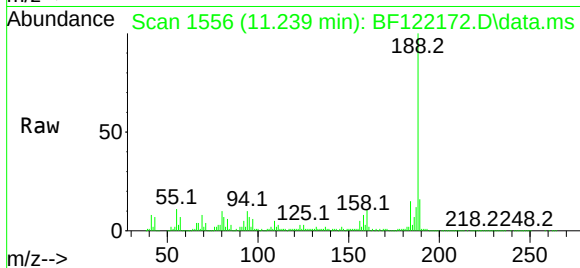




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF122172.D
Acq: 29 Oct 2020 19:16

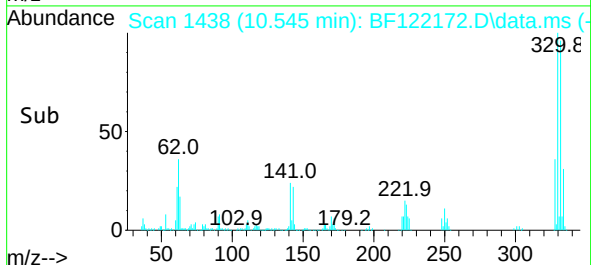
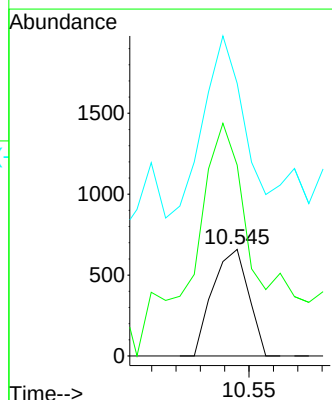
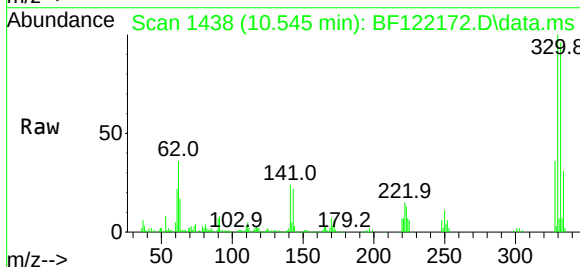
Instrument :
BNA_F
ClientSampleId :
VW-STONE-A

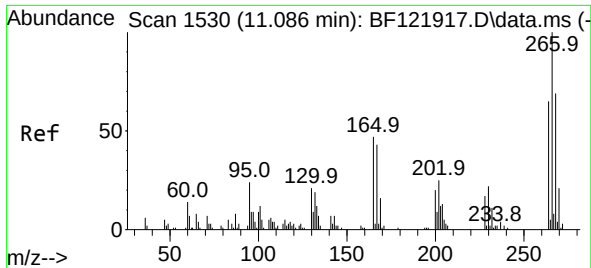
Tgt Ion:188 Resp: 307808
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.2 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.73 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.171 min
Lab File: BF122172.D
Acq: 29 Oct 2020 19:16

Tgt Ion:198 Resp: 674
Ion Ratio Lower Upper
198 100
51 179.1 29.6 69.6#
105 255.7 24.4 64.4#

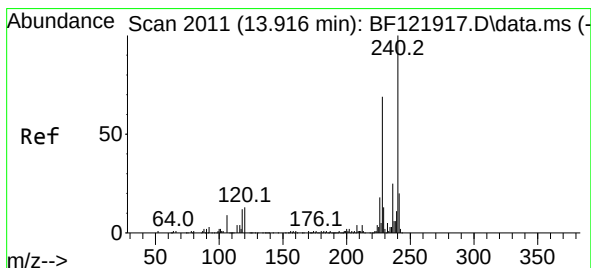
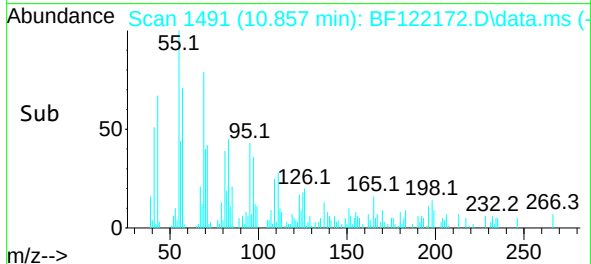
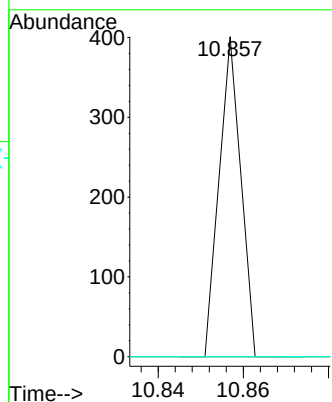
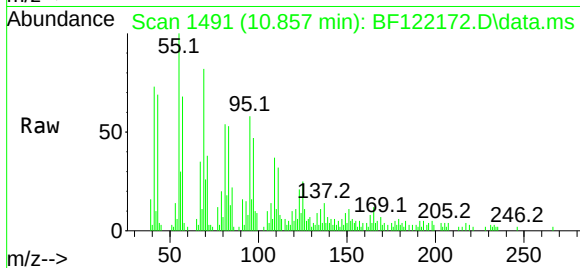




#70
 Pentachlorophenol
 Concen: 8.03 ng
 RT: 10.857 min Scan# 1491
 Delta R.T. -0.200 min
 Lab File: BF122172.D
 Acq: 29 Oct 2020 19:16

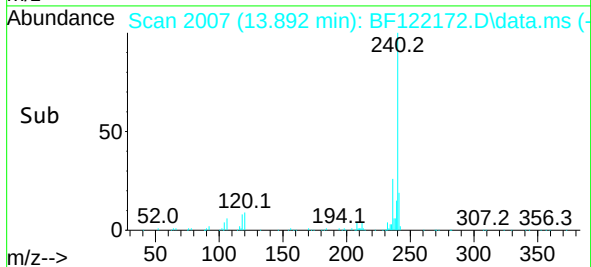
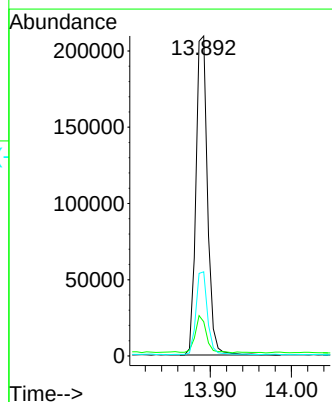
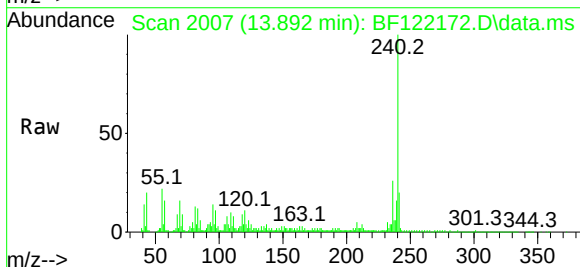
Instrument :
 BNA_F
 ClientSampleId :
 VW-STONE-A

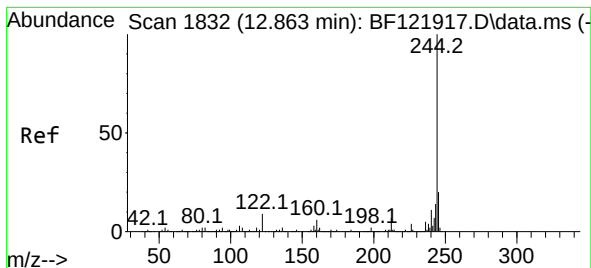
Tgt Ion:266 Resp: 142
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.4 78.6#
 264 0.0 49.9 74.9#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.892 min Scan# 2007
 Delta R.T. 0.012 min
 Lab File: BF122172.D
 Acq: 29 Oct 2020 19:16

Tgt Ion:240 Resp: 208712
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.2 13.8
 236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 78.06 ng

RT: 12.827 min Scan# 1826

Delta R.T. 0.012 min

Lab File: BF122172.D

Acq: 29 Oct 2020 19:16

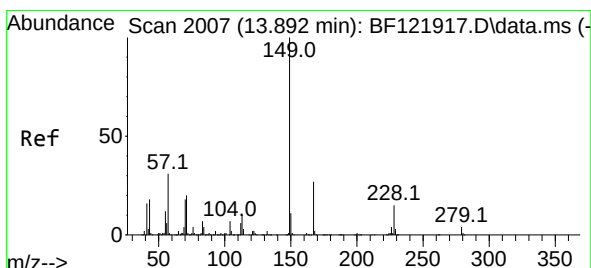
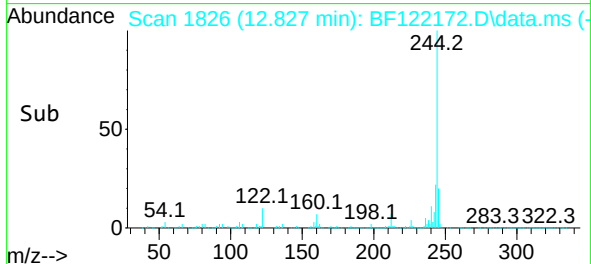
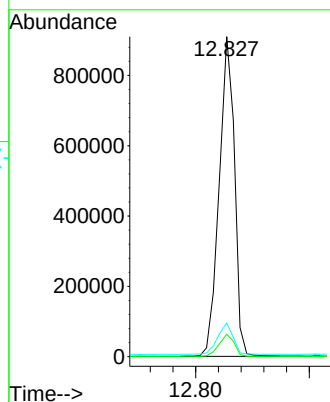
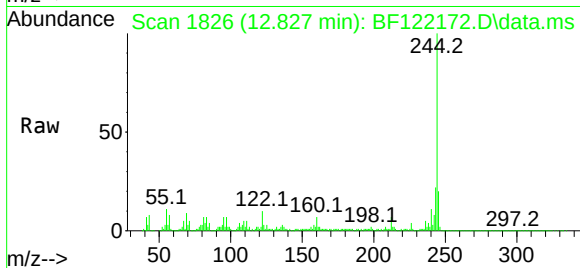
Tgt Ion:244 Resp: 854843

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 10.5 8.1 12.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.39 ng

RT: 13.851 min Scan# 2000

Delta R.T. 0.006 min

Lab File: BF122172.D

Acq: 29 Oct 2020 19:16

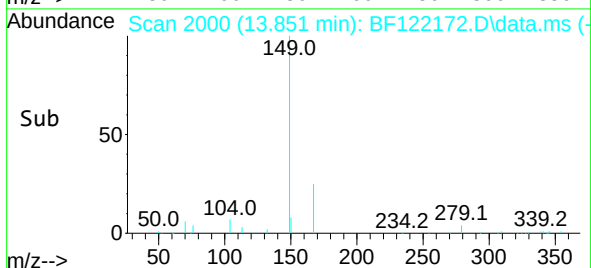
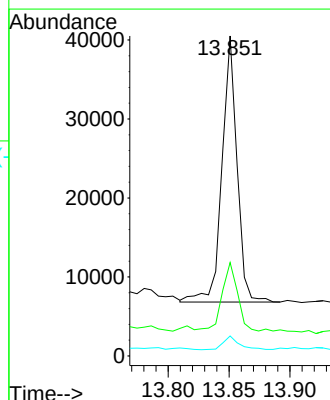
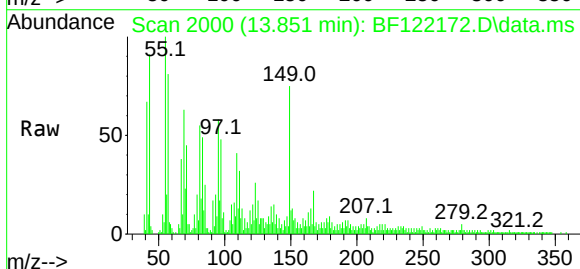
Tgt Ion:149 Resp: 29005

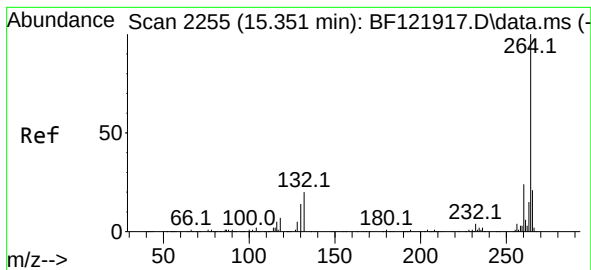
Ion Ratio Lower Upper

149 100

167 29.2 20.9 31.3

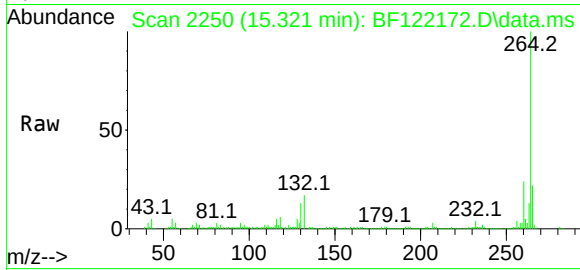
279 6.3 3.2 4.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122172.D
Acq: 29 Oct 2020 19:16

Instrument :
BNA_F
ClientSampleId :
VW-STONE-A



Tgt Ion:264 Resp: 233673
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.5 17.3 25.9

